

VOSTRYAKOV, O., inzh. (g.Odessa)

Time relay using MTKh-90 tubes. Radio no.2:22-23 ~~461.~~
(Electric relays) (MIRA 14:9)

LEVITAN, G.I.; BEL'DYUGIN, V.N.; VOSTRYAKOV, O.I.

Regulation of the pass band of a narrow-band filter. Elektrosviaz'
16 no.5:12-23 My '62. (MIRA 15:5)

(Electric filters)

S/106/62/000/005/002/001
A055/A101

9.2550

AUTHORS:

Levitan, G.I.; Bel'dyugin, V.N.; Vostriyakov, O.I.

TITLE:

PERIODICAL: Elektrosvyaz', no. 5, 1962, 12 - 23

TEXT:

The object of this article is to examine the possibilities of controlling the passband of polynomial filters and of filters with attenuation peaks, or, rather, to examine them more thoroughly than this has been done until now. It is assumed that the control of the band must not change the shape of the selectivity characteristic. After an analysis of the conditions to be satisfied in polynomial filters of various type- (k, m, VI and VI' types), the authors deal with the electrical control of the passband, such as it was first worked out in the Odessa Communication Institute in 1958 - 1959 and permitting to achieve an automatic or a remote control (and also to reduce the size and to simplify the construction of radio-apparatuses). To realize this control, it is possible to use ferrovariometers, controlled capacitors and also some electronic systems transforming the wave-impedance of the circuits. Point-contact diodes

Card 1/2

APPROVED FOR RELEASE: 08/09/2001

VASIL'YEV, V.G.; IVANOV, A.P.; VOSTRYAKOV, O.I.; SHMITEL'SKIY, V.N.;
GAFANOVICH, M.D.; DIDENKO, K.I.; ABUGOV, Yu.O.; SHRAMKO, K.N.;
ZAGARIY, G.I.; DUDCHENKO-DUDKO, V.M.; NIKULIN, Yu.Ya.;
YEFIMOV, Yu.N.; BYKOV, V.L.

Inventions. Avt. i prib. no.4:73-74 O-D '64 (MIRA 18:2)

24077

S/106/61/000/002/006/006

A055/A133

9,2550
AUTHORS:

Levitan, G. I. and Vostryakov, O. I.

TITLE:

Synthesis of polynomial band-pass filters with the Chebyshev characteristic of selectivity

PERIODICAL:

Elektrosvyaz', no. 2, 1961, 60 - 69

TEXT:

In the calculation of iterative band-pass filters, the method evolved by V. Kauer and S. Darlington is generally resorted to. This method was namely used by M. Dishal [Ref. 2: Dishal. "Design of dissipative band-pass filters producing desired exact amplitude-frequency characteristics." PIRE, 37. September 1949]. The author of the present article begins by reproducing the essential part of Dishal's theoretical calculations. Then, using these calculations and some fundamental equations of the Chebyshev's filter synthesis, he deduces a set of formulae giving the attenuation and the coupling coefficients in the cases of a three-circuit and of a four-circuit filter respectively. For each of these filter-types he analyses the cases of symmetrical and asymmetrical distribution of attenuation and coupling. His conclusion is that filters with a symmetrical distribution are more advantageous for band control. He then examines briefly the cases of a five-circuit and of a six-circuit filter. The

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S/106/61/000/002/006/006
A055/A133

Synthesis of polynomial band-pass filters ...

correctness of the formulae obtained by him was checked experimentally. The general conclusion is that these formulae allow to calculate, with sufficient precision, wide-band filters, as well as filters with loss-compensation in certain circuits. There are 11 figures and 10 references: 6 Soviet-bloc, 4 non-Soviet-bloc. The three references to English-language publications read as follows: Lepage, Seely. General network analysis. Ch. VII Mc, Graw-Hill Co. 1952 Dishal. "Design of dissipative band-pass filters producing desired exact amplitude-frequency characteristics;" Dishal. "Exact design and analysis of double- and triple - tuned band-pass amplifiers". PIRE, June 1947.

SUBMITTED: August 29, 1960.

Card 2/2

VOSTRYAKOV, O.I.

А. Н. Ковалев

Изучение влияния свойств акустических волн на работу, осуществляемую объектом подложки та-
шны Бом

4 СЕКЦИЯ ПРИЕМНЫЕ УСТРОЙСТВА

Руководитель Н. Н. Чистов

12 июня

(с 10 до 16 часов)

Н. Г. Голубов,
Д. Т. Румянцев,
Д. С. Тихонов

Применение устройств для измерения статистических характеристик сигнала при трансформации распределе-
ния разности

Ю. Н. Водов

Исследование влияния параметров сигнала
для измерения чувствительности систем связи

В. В. Роткин

Метод измерения параметров кристаллического
литатора в радиотехнической системе

12 июня

(с 18 до 22 часов)

18

В. Н. Шенюк

О применении акустических волн в
радиотехнической системе

Н. А. Сухов

Д. Н. Соколов

Влияние параметров сигнала на характеристики
системы в режиме работы с параллельной
связью в радиотехнической системе

Н. Н. Шенюк

Коррекция параметров сигнала в радиотехнической
системе в режиме работы с параллельной
связью в радиотехнической системе

В. Н. Соколов

Об измерении параметров сигнала в
режиме работы с параллельной
связью в радиотехнической системе

Г. Н. Шенюк

Д. Н. Соколов

Метод измерения параметров сигнала в
режиме работы с параллельной
связью в радиотехнической системе

5 СЕКЦИЯ ПРОДОЛЖЕНИЕ СЕССИИ

Руководитель Н. Н. Громов

9 июня

(с 10 до 16 часов)

19

report submitted for the Centennial Meeting of the Scientific Technological Society of
Radio Engineering and Electrical Communications Dr. A. S. Popov (VSEI), Moscow,
6-12 June, 1959

VOSTRYAKOV. V.

5483 Vostryakov, V. Vibropreobrazovateli. M., Izd-Vo dosaaf, 1954. 23 s. s.
ill. 20 sm. (Vsesoyuz. dobrovol'noe o-vo sodeystviya armii, aviatsii i floty.
Konsul'tatsiya tsentr. adiokluba). 5.000 eks. Bespl. Sost. ukazan v vyp.
dan.- (55-983) 621.314.5

OS: Knizhnaya Letopis' , Vol 1, 1955

VOSTR^YAKOV, V.

Korotkovolnovyi efir zimoi. [The short wave ether in winter]. (Radio, 1948,
no. 3, p. 47.).
BLC: TX540.B76

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference department, Washington, 1951, Unclassified

VOSTRYAKOV, V. B.

USSR/Radio, Amateur
Radio Stations

May 1946

"How to Locate an Amateur Radio Station," V. B.
Vostryakov, 2 pp

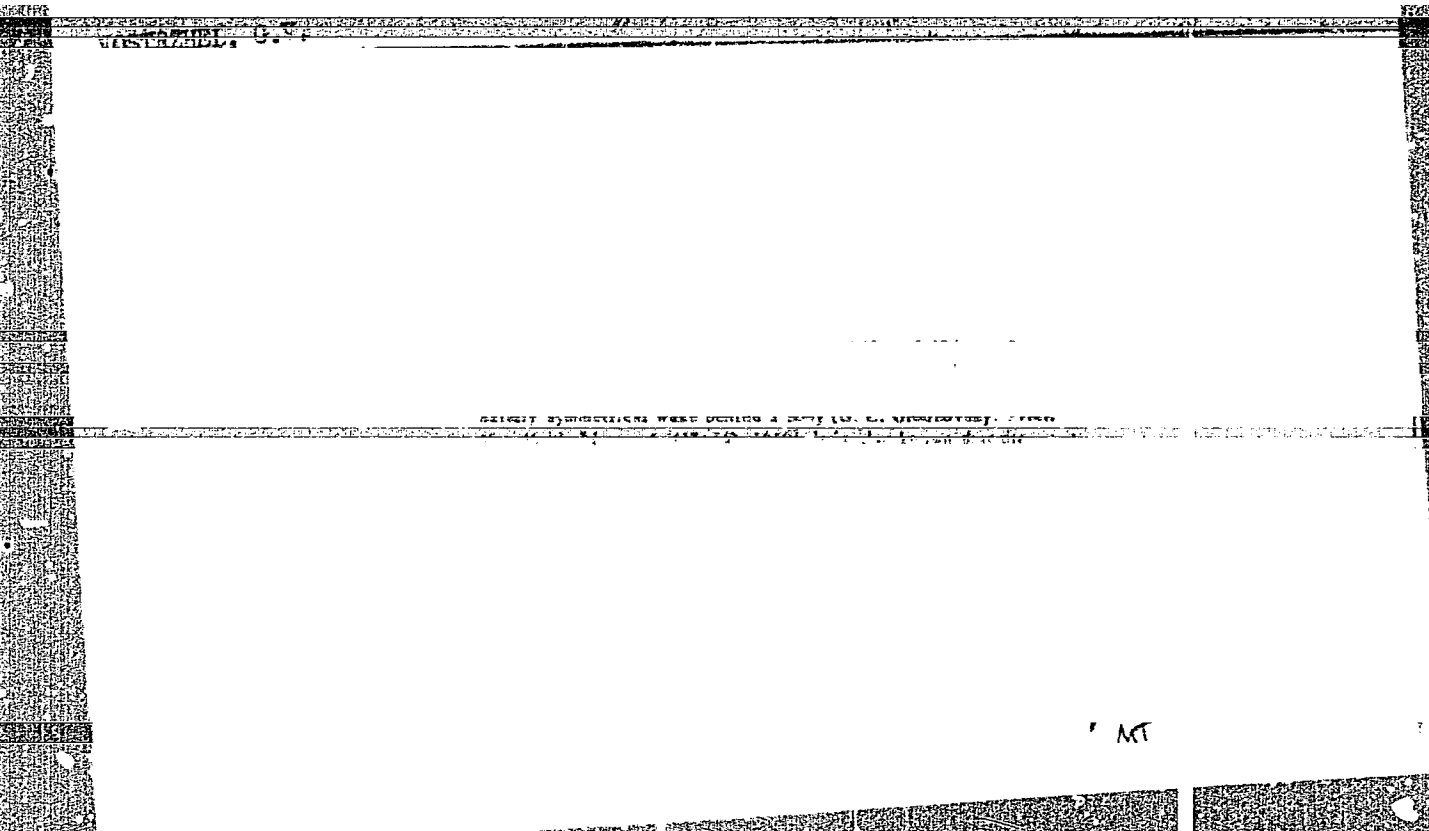
"Radio" No 2

Simple explanation for the location of amateur
radio stations. This article also contains a list
of station calls with their frequency.

20T84

VOSTRYSHEV, I.V.; PALALEYEVA, T.F., redaktor; DMITRIYEVSKAYA, N.I., tekhnicheskii redaktor.

[Great Russian satirist, M.E.Saltykov-Shchedrin] Velikii russkii satirik M.E.Saltykov-Shchedrin. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1954. 47 p. (Bibliotekha v pomoshch' lektoru, no.5) [Microfilm] (MLBA 7:10)
(Saltykov, Mikhail Evgrafovich, 1826-1889)



VOSYKA, A.

Vosyka, A. Use of electric power in open pits of the North Bohemian Mines in Vost.
p.278.

Vol. 10, no. 9, Sept. 1955 ELEKTROTECHNIK Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 5, No. 2
February, 1956

ZAZADZI, Kiri, inz.; VOSYKA, Jiri, inz.

Problems of intensification of aluminum producing electrolytic cells with the vertical current supply. Hut listy 18 no. 12: 871-875 D '63.

1. Zavod Slovenskeho narodneho povstania, Ziar nad Hronom.

VOSYKA, Miroslav, podplukovník PhMr.

Contribution to the determination of the volume of pharmaceutical
work in field pharmacies. Voj. zdrav. listy 34 no.5:226-229 0 '65.

1. VLVDU JEP v Hradci Kralove.

CZECHOSLOVAKIA

UDC: 615.4.006:355.41].004.1.001.5:
681.142-83

VOSYKA, Miroslav, LtCol, MPh; Jan Ev. Purkyne Military Medical Research and Post-graduate Training Institute (VLVDU JEvP), Department for the Organization of Military Medical Service, Hradec Kralove

"Feasibility of Using Mathematical Logic Models in Studying the Operation of Field Pharmacies"

Prague, Vojenske Zdravotnicke Listy, Vol 35, No 5, Oct 66, pp 189-193

Abstract [Czech, Russian and English summaries, modified]: The feasibility is described of using queuing theory and the Monte Carlo method in studying the operation of military pharmacies under field conditions. The suitability is demonstrated of this method for simulating many versions of the investigated process, even a fraction of which could not be simulated physically. The selection of the specific numerical method for the given problem is explained, and suggestions are made for the further elaboration of the employed methods, primarily in the direction of linear programming. Simulation on an electronic computer is described briefly, and the required computer time is given. One Western and eight Soviet-bloc references.

1/1

MIRCEVOVA, L.; VOSYKOVA, J.

Effect of adenosinetriphosphate on the activity of aldolase. Coll Cz
Chem 26 no.10:2670-2673 0 '61.

1. Institut fur Hamatologie und Bluttransfusion, Prag.

VOSZKA, Rudolf

Quality changes in NaJ (TI) scintillation crystals caused by intensive radiation. Magy fiz folyoir 11 no.3:205-207 '63.

1. Budapesti Orvosi Fizikai Intezet.

MIRCEVOVA, L.; VOSYKOVA, J.

Citric acid formation in human erythrocytes as related to their age.
Physiol. Bohemoslov. 11 no.1:30-34 '62.

1. Institute of Haematology and Blood Transfusion, Prague.

(ERYTHROCYTES metab) (CITRATES blood)

VOSYKOVA, L.

Inequality of Escherichia coli cells during their division in the presence of small concentrations of penicillin. Chekh. biol. 3 no.3:145-147 Aug 54.

(ESCHERICHIA COLI,

cell division, inequality of daughter cells in division in presence of small concentrations of penicillin)

(CELL DIVISION,

E. coli, inequality of daughter cells in presence of small concentrations of penicillin)

(PENICILLIN, effects,

on E. coli cell division, inequality of daughter cells in presence of small concentrations of penicillin)

VOSYKOVA, L.

MALEK, I.; VOSYKOVA, L.; VOLF, A. "Stability of Bacteria Cultured in a Flowing Medium."
p. 68. (Czechoslovatskaia Biologia. Vol. 2, no. 2, APR. 1953. PRAHA).

SO: Monthly List of East European Vol. 3, No. 6
Russian Accessions / Library of Congress, June 1953⁴, Uncl.

VOSYKOVA, L.

MALEK, I.; VOSYKOVA, L.; VOLF, A. "Fission of Bacteria." p. 12.
(Chekhoslovatskaia Biologiia. Vol. 2, no. 1, Apr. 1953. Praha).

SO: Monthly List of East European Vol. 3, No. 6
Accessions / Library of Congress, June ⁴ 1953, Uncl.

SOV/64-59-3-19/24

28(5) .
 AUTHORS: Ovcharenko, B. G., Golovko, A. F., Vosvilov, N. M., Avilova, M. K.

TITLE: Experiment of Applying a Column of the Ammonia Synthesis With
 a Top GIAP-DATZ (Opyt ekspluatatsii kolonn sinteza ammiaka s
 nasadkoy GIAP-DATZ)

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 3, pp 82-85 (USSR)

ABSTRACT: Until recently the Dneprodzerzhinskiy azotnotukovyy zavod
 (Dneprodzerzhinsk Nitrogen Fertilizer Works) used a supple-
 mented attachment according to Fauser with two tubular heat
 exchangers and a secondary pipe for supplying cold gas (Fig 1).
 It was found out however, that this attachment does not offer
 optimum temperature conditions. In 1950 a new type of attach-
 ment was developed in the GIAP by S. S. Lachinov and
 constructed in the DATZ in two constructional types (Fig 2).
 The attachment has two heat exchangers in the catalyst chamber,
 and 2 secondary pipes for the supply with cold gas, and it is
 called GIAP-DATZ (abbr. GD-2). Some data are given on the
 application of a column (D = 0.85, H = 14 m) with a attachment
 GD-2 and iron catalysts with two accelerators (K_2O and Al_2O_3).

Card 1/2

SOV/64-59-3-19/24

Experiment of Applying a Column of the
Ammonia Synthesis With a Top GIAP-DATZ

The results achieved after 1- and 6 months of its application (Table 1) show that $\Delta \% \text{NH}_3 \approx 12.5$ (ΔNH_3 = difference in % of the NH_3 content before and after the column) and the maximum capacity amount to 120-125 t/day, while it only was 100 t/day with the old type. Corresponding experiments were carried out in order to examine the effect of the second secondary pipe for cold gas on the increase of the capacity after one year, the results are given (Table 2). A column with an attachment GD-2 can work very stably, also with a gas supply up to 30% through the second secondary cold gas pipe, this caused an increase in the capacity by 70%. Examinations carried out during 20 days on a column which already had worked for 1.5 months showed (Table 3) that 140 t NH_3 /day are yielded with $\Delta \% \text{NH}_3 \approx 13$ and with a gas circulation of about 70,000 Nm^3 /hour, with the attachment GD-2 on the active catalyst. There are 2 figures and 3 tables.

Card 2/2

VOSYKOVA, J

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

[not given]

Affiliation:

Institute of Hematology and Blood Transfusion (Institut fuer Haematologie und Bluttransfusion), Prague

Source:

Prague, Collection of Czechoslovak Chemical Communications, Vol 26, No 10, October 1961, pp 2670-2673

Data:

"The Effect of Adenosinetriphosphate on the Activity of Aldolase."

Authors:

✓ MIRCEVOVA, L

✓ VOSYKOVA, J

MALEK, Ivan, akademik; VOSYKOVA, L., tekhnicheskii sotrudnik;
VOL'F, A., tekhnicheskii sotrudnik.

Stability of bacteria cultured in a flowing medium. Chekh. biol.
2 no.2:68-77 Ap '53. (MIRA 7:2)

1. Institut biologii ChSAN, mikrobiologiya, Praha.
(Bacteria) (Bacteriology--Cultures and culture media)

MIRCEVOVA, L.; VOSYKOWA, J.

Metabolism of citric and α -ketoglutaric acids in human erythrocytes.
Postepy biochem. 8 no.4:553-554 '62.

1. Z Instytutu Hematologii i Przetaczania Krwi, Praha, Czechoslowacja.
(ERYTHROCYTES) (KETOGLUTARIC ACID) (CITRATES)

SAVUKYNAS, B.; VANAGAS, A.A; VITKAUSKAS, V.; ~~VOSYLYTE, K.~~
ERMANYTE, I.; GRINAVECKIENE, E., otv. red.; SENKUS.J.,
red.; LUKOSEVICIUS, St., tekhn. red.

[Names of rivers and lakes of the Lithuanian S.S.R.]
Lietuvos TSR uiu ir ezeru vardynas. Vilnius, Valstybine
politines ir mokslines literaturos leidykla, 1963. 225 p.
(MIRA 16:11)

1. Lietuvos TSR Mokslu Akademija. Vilna. Lietuviu kalbos
ir literaturos institutas.
(Names, Geographical--Dictionaries)

VOZEKA, R.

An ultra violet dosimeter.

p. 47 (Magyar Fizikai Folyoirat) Bzlapest, Hungary Vol 5, no 1 1957

SO: Monthly Index of East European Acessions (AZEI) Vol 6, no 11, November 1957

G/030/62/002/007/001/004
1030/1230

AUTHORS: Somoló, Á., Tarján, I., and Voszka, R.

TITLE: On the influence of impurities upon the photoconductivity of NaCl crystals coloured by X-rays

PERIODICAL: Physica status solidi, V.2, no.7, 1962, 829-840

TEXT: The paper evaluates the measured dependence of photoconductivity upon thermal and optical bleaching in radiative coloured NaCl crystals grown in either porcelain (Pc-crystals) or platinum (Pt-crystals) crucibles. Results are plotted as η versus N_F . (η is the quantum yield, w the free electron path in unit field, N_F is the concentration of F-centers). The curves obtained characterise the way the crystal was grown and bleached. Differences are due to the relative high OH^- ion concentration in the Pt - crystals. Thermal

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G/030/62/002/007/001/004
I030/I230

On the influence of impurities....

bleaching curves lie entirely below the colouring curve for Pc-crystals, and partly above partly below for the Pt crystals. Optical bleaching curves for both crystals have a negative slope. Significant differences between Pc crystals and Pt crystals are obtained after resting the samples subsequent to their partial optical bleaching. Absorption spectra of the samples were also measured. The results can be explained qualitatively by assuming a light OH^- concentration in Pt-crystals, and postulating a new colouring process for such crystals, involving the dissociation of OH^- ions under irradiation. There are 15 figures.

ASSOCIATION: Medizinisch-Physikalisches Institut, Budapest
(Medical-Physics Institute, Budapest)

SUBMITTED: April 19, 1962

Card 2/2

VOSZKA, R.

SCIENCE

PERIODICALS: ~~ACTA ZOOLOGICA. Vol. 3, No. 4, 1955~~
MAGYAR FIZIKAI FOLYOIRAT. Vol. 3, no. 4, 1955.

Voszka, R. Remarks on regulation of the temperature of electric stoves. p. 411.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

TARJAN, Imre, dr.; GERGELY, Rezzo, dr.; VOSZKA, Rudolf; BOTAR, Gyorgy, dr.

Explosion dangers in anesthesia. Orv. hetil. 97 no.36:993-996
2 Sept 56.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinikájának
(igazgató: Hadri, Endre, dr. egyet. tanár) és Orvosi Fizikai
Intézetének (igazgató: Tarjan, Imre, dr. egyet. tanár) közleménye.

(ANESTHESIA, compl.

explosion in operating room, causes & role of static
electricity (Hun))

(ELECTRICITY, inj. eff.

static electricity, explosion in operating room during
anesthesia (Hun))

VOSZKA, RUDOLF

HUNGARY/Optics - Photometry. Colorimetry

K-12

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14615

Author : Voszka Rudolf

Inst : ~~Not Given~~

Title : Dosimeter for Ultraviolet Rays

Orig Pub : Magyar fiz. folyoirat, 1957, 5, No 1, 47-56

Abstract : Description of a portable dosimeter, intended for measurement of erythemic radiation under field conditions. The instrument is provided with interchangeable cadmium and sodium photocells and correcting light filters, ultraviolet glass, and UG-5 glass, which make the curves of spectral sensitivity of the photocells nearly equal to the curve of the erythemic radiation. A vacuum tube voltmeter is used to amplify the photoelectric currents. The output instrument is a 50 microamp microammeter. The amplifier and the photocells are fed from dry cells. The sensitivity of the dosimeter with cadmium photocell is 550 mV/cm² over the entire scale. For the sodium photocell, the sensitivity is 27.5 mV/cm² over the

Card : 1/2

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HUNGARY/Optics - Photometry, Colorimetry

K-12

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14615

scale. Curves are given for the variation of the erythemic radiation as a function of the time of day, taken with the aid of the dosimeter in Budapest in August 1955.

Card : 2/2

VOSZKA, R.

SCIENCE

Periodicals MAGYAR FIZIKAI FOLYOIRAT. Vol 6, no. 4, 1958

VOSZKA, R. A dry chamber for treating hygroscopic crystals. p. 375.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 5,
May 1959, Unclass.

VOSZKA, R.

SCIENCE

Periodicals MAGYAR FIZIKAI FOLYOIRAT. Vol. 6, no. 4, 1958

VOSZKA, R. Some experiences in the field of treating and polishing certain alkali-halogenide crystals. p. 379.

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 5,
May 1959, Unclass.

HUNGARY/Nuclear Physics - Instruments and Installations.
Methods of Measurement and Research.

6

Abs Jour : Ref Zhur Fizika, No 2, 1960, 2770

Author : Nagy, Janos; Voszka, Rudolf

Inst : -

Title : Hollow NaI (Tl) Crystal for Determining Weak Gamma
Activity

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 5, 483-486

Abstract : Description of the construction and of the principal
parameters of a scintillation counter with a NaI(Tl)
crystal of barrel-shaped type. The counter is intended
for measurement of weak gamma activities of solutions.
A method of processing the crystal in order to obtain a
barrel-like cavity is indicated -- V.I. Lend'yel

Card 1/1

VOSZKAS, Rudolf

Ultraviolet dosimeter. Orv. hetil. 99 no.52:1843 28 Dec 58.

1. A Budapesti Orvostudományi Egyetem Orvosi Fizikai Intézetének (igazgató: Tarján Imre dr.) közleménye.

(ULTRAVIOLET RAYS
dosimeter (Hun))

(RADIATION COUNTERS
dosimeter for ultraviolet rays (Hun))

FORGACS, Istvan, dr.; VOSZKA, Rudolf, dr.; ORBAN, Imre, dr.

Explosions occurring in operating rooms. Orv.hetil. 100
no.52:1869-1872 D '59.

1. A Budapesti Orvostudományi Egyetem III. sz. Sebészeti
Klinikájának (Igazgató: Rubanyi Pál dr. egyetemi tanár) és
Orvosi Fizikai Intézetének (Igazgató: Tarján Imre dr. egyetemi
tanár) közleménye.

(EXPLOSIONS)
(OPERATING ROOMS)

TARJAN, Imre, dr.; VOSZKA, Rudolf

On biological effectiveness of ultraviolet rays. Orv.hetil.
100 no.36:1299-1302 S '59.

1. A Budadapesti Orvasi Fizikai Intezet (igazgato: Tarjan Imre dr.
egyetemi tanar) kozlomenye.
(ULTRAVIOLET RAYS effects)

VOSZKA, R.

/ The dependence of photocurrent from the number of F centers in x-irradiated NaCl crystals. Imre Tarján, Rudolf Voszka, and Agnes Somló. *Magyar Fiz. Folyóirat*, 8, 21-30 (1960).—Photocond. as a function of the concn. of F centers, N_F , were detd. on natural crystals, and crystals grown from liquid and tempered for 4 weeks at 350°. x-irradiation was carried out at intervals. After each interval the absorption coeff. and photocurrent were measured at max. F -center absorption. The photocurrent has a max. at a certain F -center concn., which is lower for natural than for artificial NaCl crystals. The product of quantum efficiency and electron displacement per unit space charge was calcd. from these data. Artificial crystals have more defects than natural, and these increase more by x-irradiation. E. Rona.

VOSZKA, Rudolf; TARJAN, Imre; TURCHANYI, Gyorgy

On Naj (Ti) crystals. Magyar fizikai folyoir 8 no.1:37-46 '60. (EAI 9:10)
(Thallium) (Sodium iodide)
(Scintillation counters)

TARJAN, Imre; VOSZKA, Rudolf; BERKES, Laszlo

The effect of decoloration of natrium chloride crystals roentgenized
for photoconductivity. Magy fiz folyoir 8 no.6: 519-524 '60.
(EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Salt) (X rays) (Photoconductivity)

TURCHANYI, Gyorgy; VOSZKA, Rudolf; TARJAN, Imre

Remarks on the dimensioning of electric wire furnaces. Magyar fizika folyoir 8 no.6:525-534 '60. (EEAI 10:5)

1. Orvosi Fizikai Intezet, Budapest.
(Electric furnaces)

TARJAN, I.; VOSZKA, R.; SOMLO, A.

The effect of preheat treatment on the photoconductivity of X-ray
radiated NaCl crystals. Acta phys Hung 11 no.1:59-69 '60.
(EEAI 9:10)

1. Arztliches Physikalisches Institut, Budapest. Vergelegt von
Z.Gyulai.

(X-rays)	(Photoconductivity)
(Crystals)	(Salt) (Color centers)

BERKES, Laszlo; VOSZKA, Rudolf

Effect of heat treatment on the quality of the NaI(Tl)
scintillators. Magy fiz folyoir 12 no.1:59-61 '64.

1. Institute of Medical Physics, Budapest.

VOSZTOKOV, A.J.; LEFESKIN, I.P.

Evaporators. Cukor 18 no.2:49-54 F '65.

VOSZTOKOV, A. J. (Soviet Union); LEPESKIN, I. P. (Soviet Union); KERNER, Tiber

Corrected calculation of evaporators. Sukor. 18 no.3:73-76 M '65.

VOTAKH, M.R.

Cross section of Quaternary sediments at Vertikos (Viskov Gili)
on the Ob'. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.27:
58-67 '62. (MIRA 17:11)

VOTAKH, O.A.; KOTLOV, G.V.

Angular unconformities at the boundary of the Cambrian and Pre-Cambrian
of the Turukhansk region. (geol. i geofiz. no.7:109-111 '65.
(MIRA 18:2)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR
i Sibirskiy nauchno-issledovatel'skiy institut geologii, ge-
fiziki i mineral'nogo syr'ya, Novosibirsk.

VOYAKH, O.A.; KOZLOV, G.V.; MESSINEV, A.Yu.; MIKUTSKIY, S.P.

New data on the Pre-Cambrian of Turukhansk District. Dokl. AN
SSSR 162 no.5,1123-1126 Jo '65. (MLA 18:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR i
Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i
mineral'nogo syr'ya. Submitted December 7, 1964.

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1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR i Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya. Predstavleno akademikom A.A.Trofimukom.

AFANAS'YEV, Yu.T.; BASHARIN, A.K.; BASHARINA, N.P.; VOTAKH, O.A.; POLOV'YEV,
V.A.; KRASIL'NIKOV, B.N., *otv. red.*; PARFENOV, L.M., *otv. red.*

[Materials on tectonic terminology. Part 3..Tectonics and its division.
Terms on structural geology.] Materialy po tektonicheskoi terminologii.
Novosibirsk. Pt. 3. Tektonika i ee razdely. Terminy strukturnoi geolo-
gii. 1964. 255 p. (Its Trudy, no.34) (MIRA 18:4)

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VOTAKH, O.A.; KRASIL'NIKOV, B.N.; PARFENOV, L.M.;
~~SHFAROVSKAYA~~, L.I., red.

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1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut
geologii i geofiziki. 2. Chlen-korrespondent AN SSSR
(for Kosygin).

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1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.

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My '63. (MINA 17:4)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
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KRASIL'NIKOV, B.N.; PARFENOV, L.M.

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1. Institut geologii i geofiziki Sibirskogo otdeleniya
AN SSSR, Novosibirsk.
(Siberia—Geology, Structural)

VOTAKH, O.A.; CHAYKA, V.M.

Rhythmical succession of forms of stromatolites in the
ancient Turukhansk complex. Dokl. AN SSSR 145 no.1:154-156
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1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom A.A. Trofimukom.
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809-815 Nov 55.

1. Z II. vnitřní kliniky MU v Brně, přednostka prof. MUDr.
Jiri Polcak. Prof. MUDr. P. J., Brno, Lastersrska 9.
(TRYPSIN, toxicity,
determ., intravenous admin. in rabbits.)

VOTANEK, V.

TECHNOLOGY

VOTANEK, V. Technologia vaziev pletenin. Bratislava, Slovenske
vydavatelstvo technickej literatury, 1956. 359 p. (Edicia literatury
pre lahky oriemysel)

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May 1959, Unclass.

8/123/62/000/010/013/013
A004/A101

AUTHOR: Votápek, V.

TITLE: Bath for simultaneous elimination of moisture from metal part surfaces and their temporary preservation

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 10, 1962, 40, abstract 10B233P. (Czechoslovakian Patent, Class 48 d, 2/20, No. 96402, 15.2.61)

TEXT: Bibliographic reference

Card 1/1

S/081/62/000/014/013 '039
B166/B144

AUTHOR: Votápek, Vladimír

TITLE: Solution of removing water from the surface of metal parts
and also protecting them

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1962, 352, abstract
141274 (Czechoslovak Patent 98402, February 15, 1961)

TEXT: It is suggested that the usual drying of metal parts after degreasing
and washing them be replaced by treatment in a solution which has the
following composition (% by volume): naphthenic acids (with a molecular
weight > 300) 60, colophonic acids 10, glycerin 20, triethylamine 10, in
2.5% motor oil. It is advantageous to introduce 2.3% by volume Zn naphthe-
nate and 3% lanolin into the solution as a corrosion inhibitor. The drying
action of the solution is based on the fact that nearly all its components
have a greater polarity than water. Dipping in such a solution for 5 min
provides temporary protection against atmospheric corrosion for 14 days.
[Abstracter's note: Complete translation.]

Card 1/1

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Technical and economic information at the worksite. Tech prace
14 no.3:212-213 Mr '62.

1. Ustredni rada Ceskoslovenske vedecko-technicke spolecnosti.

VOTAVA, B.

International meeting of scientists and technicians at the Second
International Fair in Brno. Nova technika no.11:504-505 N '60.

VOTAVA, B.

"For development of factory field offices of the Czechoslovak Scientific Technical Society." p. 401.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRFSNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 9, no. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

data revealed during the 1960s that damage caused by
the spread of tumor to growth spurs, and likely a result of
the spread of tumor to growth spurs, and likely a result of

S.A.

Sect. A.

Magnetic Effects

3734. The screw-like motion of metallic particles of size 10^{-3} to 10^{-1} cm in a magnetic field. E. VOZANA, *Acta Phys. Austriaca*, 2, 177-84 (No. 2, 1951) in German.

338.69 : 535.214

Further experiments on the so-called Ehrenhaft effect. Investigations were carried out on small iron and steel particles moving under the action of a magnetic field and an intense light beam. The following types of motion were observed visually and microphotographically: (a) translation parallel to the lines of force, (b) rotation without translation, (c) screw-like translation. The last type was found to depend on the field strength and the light intensity.

R. P. WOLFFARTH

B

32

3338* The Spiral Motion of Metallic Powders 10^{-4} to 10^{-1} Cm. in Diameter in a Magnetic Field. (In German.) Erwin Volava. *Acta Physica Austriaca*, v. 5, Dec. 1951, p. 177-184. Experiments show that above depends on the intensity of light and the strength of the magnetic field. Includes diagrams and photographs. 20 ref.

VOTAVA, F; VITACEK, J.

Opinion on corn breeding at the Tesetice Collective Farm; the decisive condition for a favorable profitableness is a higher yield per hectare. p. 15 (Rolnické Hlasy Vol. 11, no. 1, Jan. 1957 Praha)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

VOTAVA, J.

Forensic activities of physicians of medical institutions.
Prakt. lek., Praha 32 no.9:212-214 5 May 1952.(CLML 22:2)

VOTAVA, J.

An answer to the parachutists; how much longer shall we use the PD.47 parachute? p. 158. (Kridla Vlasti, No. 5, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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PROCESSING AND REPRODUCTION																																																			
<p>12</p> <p>A microanalytical study of artificial sweetening agents. Jan Votava. <i>Liby (Liberia)</i>, 55, 365 (1961). The Frank-Pavlas method (C. A. 28, 1931) for detecting saccharin (the saccharin diffuses from an acidified solution into ether and then is adsorbed upon a paper impregnated with MgO) is satisfactory for beer, fruit juices, lemonade, ice cream, candies and confectionary. Other foods must be prepd. before the method is applied. Pickle juices and brines must be evapd. to dryness on a water bath, moistened with HCl and reevapd. to dryness 3 times, extd. with H_2O and acidified with H_2SO_4. Preserved fish, fish salads, fish pastes, etc., must be ground with an equal wt. of Glauber's salt concg. sand, and then extd. with water and filtered. The filtrates are evapd. to dryness, moistened with HCl, oxidized with a $Mg(MnO_2)$ soln. and dried. In mouth washes, toothpastes, etc., the solid and other aromatic compds. are removed partly during the evapn. of the soln. to dryness and partly by the addn. of powd. $NaHCO_3$. Frank Matresh</p>																																																			
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13-III-4

Determination of saccharin in beverages, foodstuffs, mouth washes, tooth pastes and powders. J. Foyat, *Re. Zuckersach. Confection.*, 1937, 63, 121-125. The method of Stank and Farias (B., 1934, 686) can be applied to a variety of products. Addition of KOH accelerates extraction of saccharin by the Et_2O but is not essential. The aq. layer must be acidified (e.g., with H_2SO_4), and the MgO paper must not touch the aq. layer. Products containing acids or flavouring materials etc. in Et_2O need pretreatment, e.g., volatile acids are largely removed by repeated evaporation with EtOH , and many flavourings by mixing the substance with NaHCO_3 , and extracting with Et_2O . Fish products may be first ground with Na_2CO_3 and then extracted with H_2O , and many interfering substances may be oxidised with K_2MnO_4 (I), which may be applied also to the MgO paper and excess of (I) reduced by EtOH before the paper is finally tested. J. H. L.

ABB-513 METALLURGICAL LITERATURE CLASSIFICATION

GROUP	CLASS	SUBCLASS	SECTION	SERIAL
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1ST AND 2ND PAGES PROCESSES AND PROPERTIES INDEX

28

CA

Ascertaining the error caused by drying the sample of chips in preparation for digesting in sugar refineries. Pavlas and J. Volava. *Indy Cukrovár*, 34, 383-12 (1940), *Chem. Zentr.* 1940, II, 2004. --To ascertain the pos. error caused by evapn. of moisture from the chip sample during its prepar., 1 kg. of chips without prior treatment was digested in a 10-l. tin can. The difference in results obtained with the large sample and with a small sample gives the correction. Differences of 0.13-0.33 were found. M. Hosh

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND COLUMNS
PROCESS AND PROPERTY INDEX
TOP AND 4TH COLUMNS

24
28

The composition of beets and juices from the 1941-42 campaign. P. Pavlas and J. Votava, *Čistý Cukr*, 60, 191-6 (1942); cf. preceding abstract.—After a damp growing season in Czechoslovakia, analyses from 93 representative sugar establishments showed the following av. values: beet root 830 g., sugar concn. 17.80%. For the diffusion juices the av. values were Brix 17.24, polarization 15.91, quotient 92.28, nonsugars 8.36, sulfate ash 2.39, invert sugar 0.576, and blue No. 163. For the heavy liquors the av. values were Brix 63.80, polarization 69.92, quotient 95.47, alk. as % CaO 0.049, Ca salts 0.015, color 23.96° St., nonsugars 4.75, sulfate ash 1.81, ratio of org. nonsugars to ash 1.63, invert sugar C.047, blue No. 66. In the diffusion juices the parts of N-contg. substances per 100 parts of polarizable sugar were total N 0.348, albumin N 0.055, ammonia N 0.125, amino N 0.058, betaine N 0.110, injurious N 0.278, K₂O 0.895, Na₂O 0.068, P₂O₅ 0.304. For comparison the corresponding values for the 3 preceding yrs. and a 20-yr. av. have been included.

1ST AND 2ND COLUMNS
PROCESS AND PROPERTY INDEX
TOP AND 4TH COLUMNS

24
28

The composition of beets and juices from the 1941-42 campaign. P. Pavlas and J. Votava, *Čistý Cukr*, 60, 191-6 (1942); cf. preceding abstract.—After a damp growing season in Czechoslovakia, analyses from 93 representative sugar establishments showed the following av. values: beet root 830 g., sugar concn. 17.80%. For the diffusion juices the av. values were Brix 17.24, polarization 15.91, quotient 92.28, nonsugars 8.36, sulfate ash 2.39, invert sugar 0.576, and blue No. 163. For the heavy liquors the av. values were Brix 63.80, polarization 69.92, quotient 95.47, alk. as % CaO 0.049, Ca salts 0.015, color 23.96° St., nonsugars 4.75, sulfate ash 1.81, ratio of org. nonsugars to ash 1.63, invert sugar C.047, blue No. 66. In the diffusion juices the parts of N-contg. substances per 100 parts of polarizable sugar were total N 0.348, albumin N 0.055, ammonia N 0.125, amino N 0.058, betaine N 0.110, injurious N 0.278, K₂O 0.895, Na₂O 0.068, P₂O₅ 0.304. For comparison the corresponding values for the 3 preceding yrs. and a 20-yr. av. have been included.

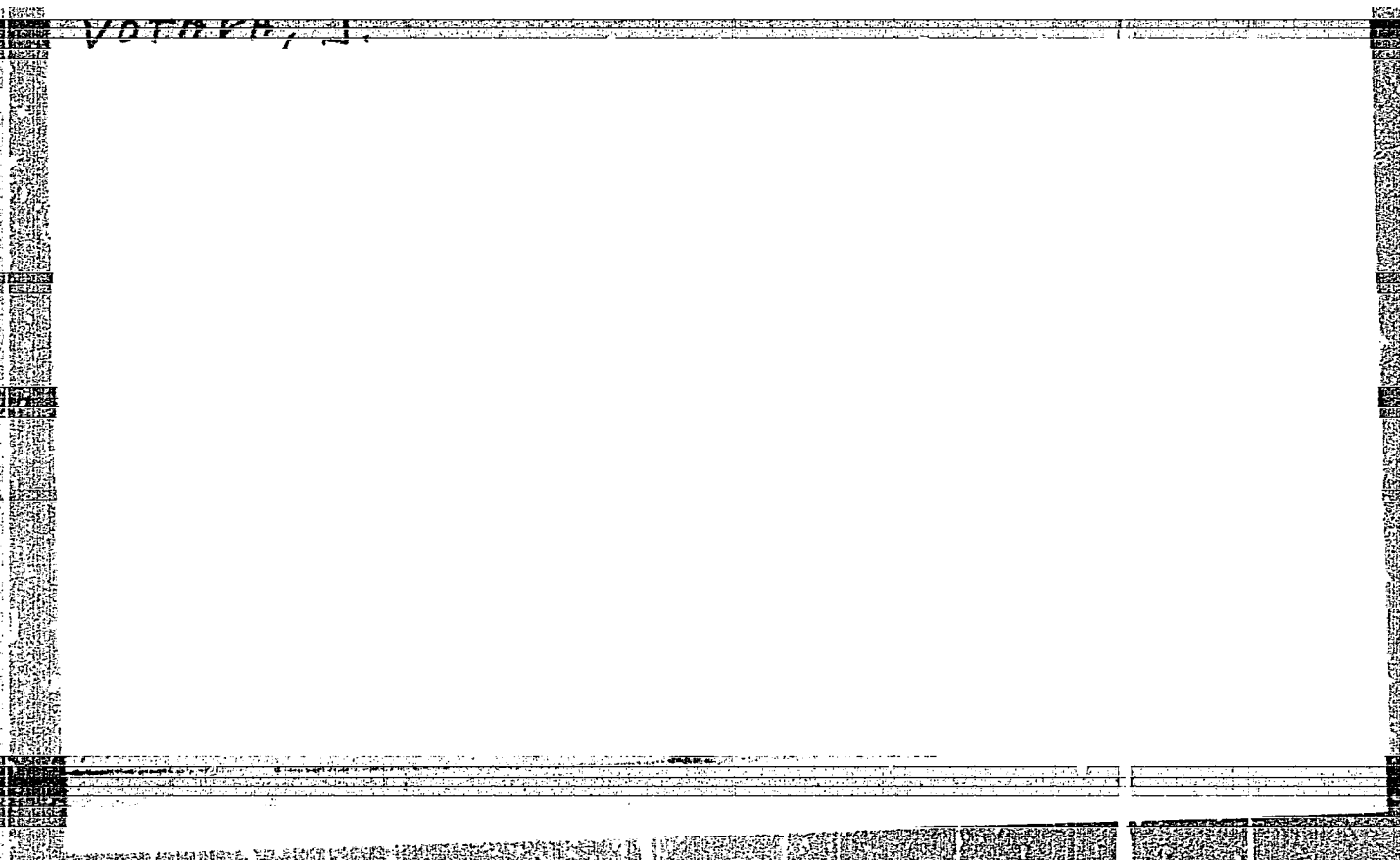
CA 28

Use of diphenylamine- β -sulfonic acid in determination of organic substances in water by the four-hour permanganate test. J. Votava and M. Schu. *Leidy Čechoslov.* 66, 301-3 (1919-20). — In detg. sugar in condensate water, etc., by titration with KMnO_4 , the indicator Erioglaucin A is satisfactorily replaced by Na diphenylamine- β -sulfonate (5 drops of a 0.1% soln.) which gives immediately a violet color with traces of KMnO_4 ; the results are equiv. to those obtained with Erioglaucin A. Highly contaminated waters must be dild. before analysis. W. A.

1732, Use of ~~ammonium~~-sulphonic acid in determination of organic substances in water by the "four-hour" permanganate test. J. Votava and M. Selix (*Listy Cech.*, 1949-50, 66, 303-305; *Sug. Ind. Abstr.*, 1951, 18, 12).--In determining sugar in condensate water etc. by titration with KMnO_4 , the indicator Erioglaucin A is satisfactorily replaced by Na diphenylamine-*p*-sulphonate (5 drops of a 0.1% solution) which gives immediately a violet colour with traces of KMnO_4 ; the results are equivalent to those obtained with Erioglaucin A; in the case of highly contaminated waters, these must be diluted before analysis. P. S. ARUP.

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CIA-RDP86-00513R001861110002-1



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CIA-RDP86-00513R001861110002-1"

SEDLACEK, J.; VOTAVA, J.

Significance of motor activity for development of the chick:
embryo. *Physiol. Bohemoslov.* 13 no.3:274-280 '64

1. Department of Physiology, Faculty of General Medicine,
Charles University, Prague.

VOTAVA, J.

Water supply in sugar factories. p. 134.

Vol. 35, no. 5, May 1956

VODA

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 3, August 1956

VOTAVA, JAN
CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Carbohydrates and Refinement.

H-26

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15918.

Author : Gebler Jaroslav, Votava Jan.

Inst :

Title : Return of Bagasse Water at the Modrany Sugar Refinery
During the Production Season of 1956-1957.

Orig Pub: Listy cukrovarn., 1957, 73, No 8, 185-190.

Abstract: Description of the results of repeated tests of treatment
and return of bagasse water. After a preliminary mechanical
purification the water was fed to diffusion on replenishing
and start of juice withdrawal. Fresh water was added to
the battery only during periods between withdrawals. Bagasse
water was deliberately not preheated and not disinfected
and elevated temperature was maintained in the diffusion

Card : 1/2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Application. Carbohydrates and Refinement.

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H-25

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15918.

battery (starting from the 2nd tailings diffuser). The ob-
served increased activity of microorganisms was caused not by
bagasse water but by poor quality of beets. Disinfection of
battery with formaldehyde yielded positive results. Tested
in operation was the apparatus of Scheibler for the separation
of pulp which yielded satisfactory results. Total losses in
the diffusion battery on operation with the use of bagasse
water amounted to 0.343% of the weight of beets. Operation
of the same battery with pure water resulted in losses of
0.364% of the weight of the beets. In view of the economic
advantages of this method of operation it will be further im-
proved at the plant and rendered automatic.

Card : 2/2

VOTAVA, J., inz. (Praha)

Planetary gearing for microdials. Jemma mech opt 6 no. 6:163-164.
Jr '61

VOTAVA, J., inz. (Praha)

Efficiency of planetary gearings. Jemna mech opt 6 no.11:337-339
N '61.

VITULOVA, V.; VOTAVA, L.

Diabetic neurogenic arthropathy. Fysiat. vestn. 43 no. 6:360-363

D 1965.

1. II. interni klinika lekarske fakulty University J.E. Purkyne,
v Brne (prednosta: prof. dr. J. Polcak).

USSR / General Problems of Pathology. Inflammatory
Processes.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 46672

Author : Sevelova, D.; Sevela, M.; Votava, L.; Skalova, M.

Inst : Not given

Title : Penetration of Para-Aminohippuric Acid from the Blood
into the Ascitic Fluid.

Orig Pub : Vnitri lekarstvi, 1957, No. 8, 745-748.

Abstract : No abstract.

Card 1/1

CZECHOSLOVAKIA/Pharmacology. Toxicology. Therapeutic Drugs of
Enzymatic Origin

V

Abs Jour : Ref Zhur - Biol., No II, 1958, No 52011

the fall of the blood fibrinogen level and the death of
the animals. In the surviving animals, symptoms of toxic
action of I upon the CNS, formation of small thrombi and
cyanosis at the site of the injection were observed.
I.V. Sanotskiy

Card : 2/2

VOTAVA, L.

Votava, L. Automatization of centrifugal machines for sugar refineries.
p. 160. ELEKTROTECHNIK. Praha. Vol. 10, no. 5, May 1955.

SO: Monthly List of the Est European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. Uncl.

VOTAVA, L.

Automatization of centrifugal machines for sugar refineries. p. 160.
ELEKTROTECHNIK, Praha, Vol. 10, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

VATAYA L.

to rabbits (per kg of body wt) produced a considerable mortality caused mainly by blood clotting in heart and large vessels. There were observed hemorrhages and necroses in vital organs. The most striking change was a decrease of fibrinogen III practically down to zero. In the

VICHEK, Oldrich, inz.; VOTAVA, Vladimir, inz.; BENDA, Jiri

Complex automation of condensing electric power plants. *Energetika* 12
no.1:21-27 Ja '62.

VOTAVA, V.

The clinical significance of erythema nodosum in adults.
Cas. lek. cesk. 104 no.30:816-820 23 J1 '65.

I. I. klinika tuberkulózy fakulty všeobecného lékařství Karlovy
University v Praze (zatímni přednosta doc. dr. L. Levínský).

VOTAVA, V.; FRAZ, Z.

Micromanometer with a pressure apparatus for direct lymphadenography. Sbor. lek. 66 no.11:336-337 N '64.

1. I. klinika tuberkulozy fakulty vseobecneho lekarstvi
University Karlovy v Praze, (zatimni prednosta doc. dr. L.
Levinsky).

VOTAVA, V.

Direct lymphadenography of the intrathoracic nodes. Experimental study. Sbor. lek. 66 no.11:338-340 N '64.

Direct lymphadenography of the intrathoracic glands. Clinical study. Ibid.:341-344

VOTAVA, V.

"Lofgren's" syndrome. Cas. lek. cesk. 104 no.29:125-130 16 JI'65.

1. I. Klinika tuberkulózy fakulty všeobecného lékařství Karlovy
University v Praze (zat. přednosta: doc. dr. L. Levínský).

VOTAVA, V.

Changing Matej Doubrava; a short story. p. 238.
ZELEZNICE, Prague, Vol. 4, no. 9, Sept. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

VOTAVA, Vaclav

New Technological elements in making waxed paper. Papír a celulóza
19 no.10:279-280 01'64.

1. Prazske papirny, Prague.

VOTAVA, Z.

MIKULOVA, K.; RASKOVA, H.; VOTAVA, Z.

Inactivation of adrenalin in intestines by certain derivatives
of isothiouraea. Biol.listy 30 no.4:239-243 15 Mr 49. (CML 19:2)

1. Of the Pharmacological Institute, Charles University (Head --
Prof. B.Polak, M.D.)